

# Brazos County LIVE!



*Christopher C. Kirk, Sheriff*



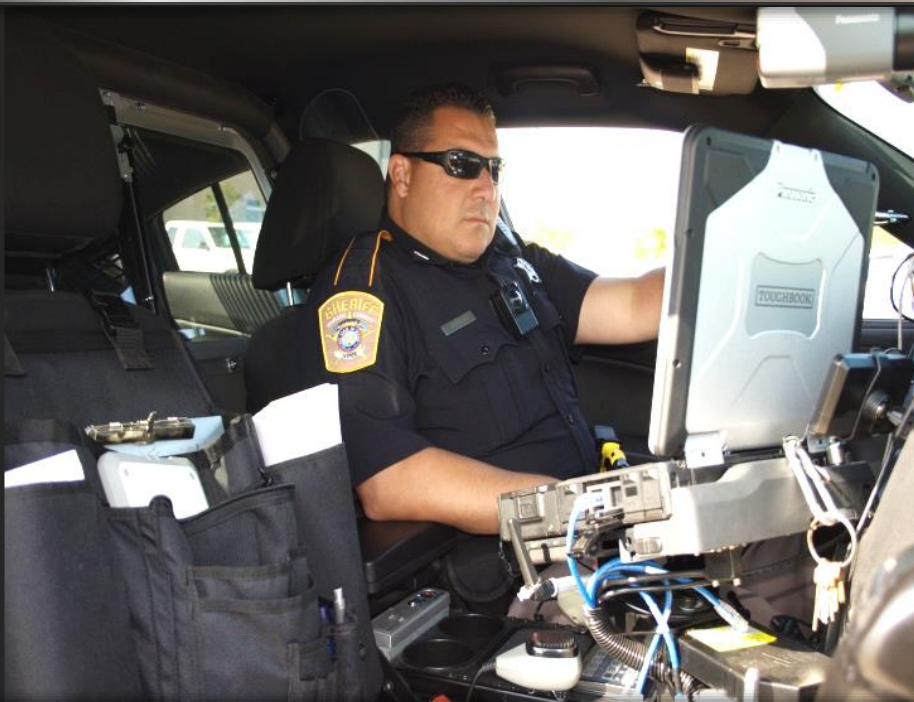
**Sgt. Josh Hearen**  
Office of the Sheriff  
Brazos County, Texas  
**Remote Host, Commander**

**Texas Public Safety  
Broadband Program**



**Thomas L. Randall**

Lieutenant, Brazos County Sheriff's Office (Retired)  
Texas Public Safety Broadband Program  
Texas Department of Public Safety



# Brazos County Introduction



*"BRAH-zuhs"*

- **Brazos County Stats**
  - Population: 209,152
  - Area (sq. mi.): 592.1
- **Largest Jurisdictions**
  - City of Bryan
  - City of College Station
  - Texas A&M University

*Brazos County*





# Summary of Brazos County Needs



- **Dedicated bandwidth during peak times**
- **Faster data transfer to field units**
- **Mobile access County Records (JMS, CMS, RMS)**
- **Streaming video from units**
- **Make patrol units a true mobile office**
- **Reduce operational costs**

*Jan 2016 – Texas A&M Stadium fans set All-time record for AT&T Data Usage.*

# Brazos County Sheriff's Office on HCLTE

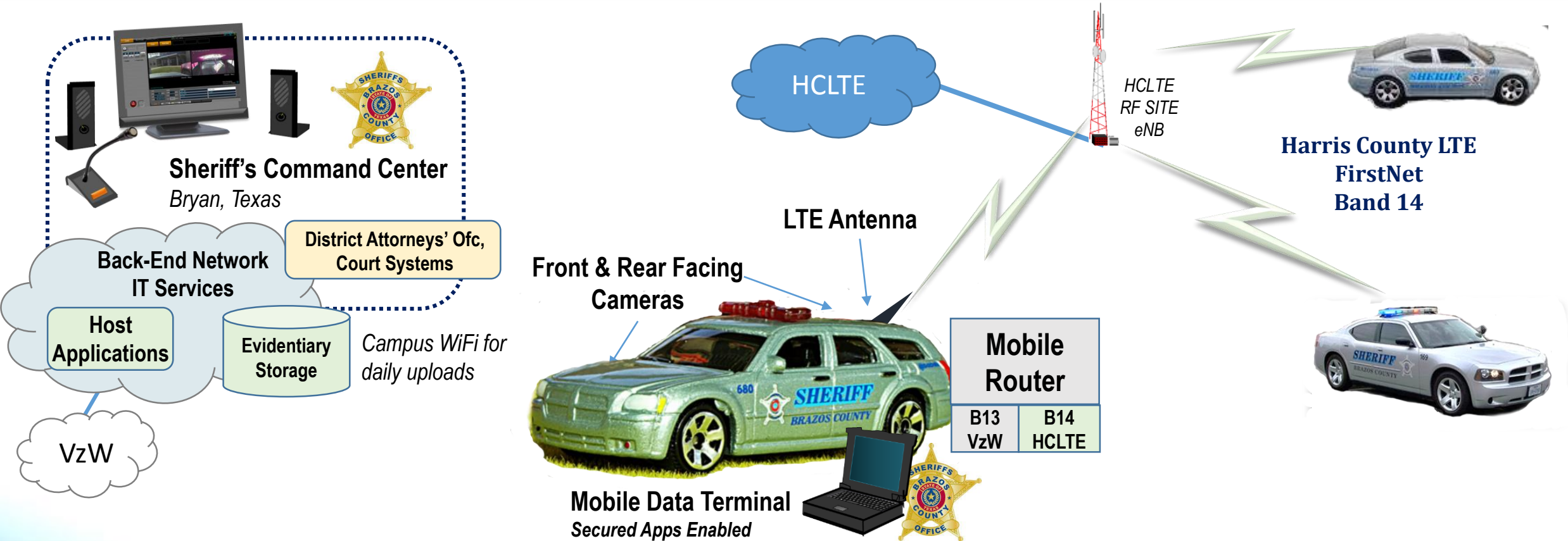


- Brazos County uses a single Harris County LTE RF Site
  - Original Test, Experimental Site License
- Entire fleet of (64) Deputy Patrol units are equipped with HC LTE services on PS Band 14
- HC LTE is primary broadband service
  - Mobile routers configured to favor B14, and only switch to Verizon when out of range of B14 footprint
- Network has already led to operational optimizations



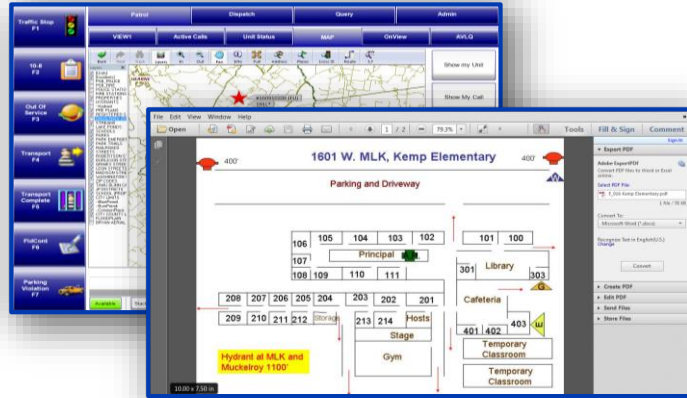


# Equipping Brazos County



- Dramatic results are achieved by creating a healthy ecosystem of secured networks, applications, cloud-based services and specialized devices.

# Operational Applications on HCLTE

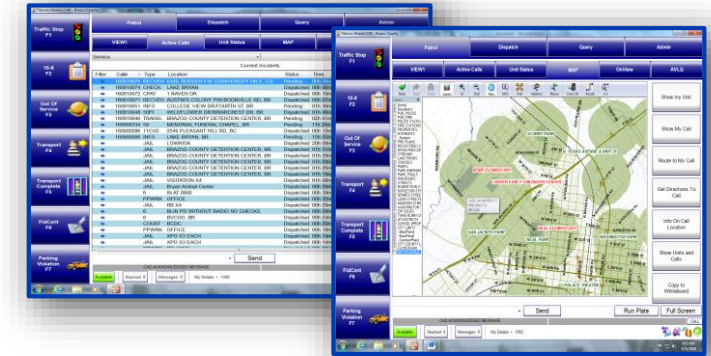


**Records, Maps, Building Plans**

**Incident Command  
From Patrol Vehicle**



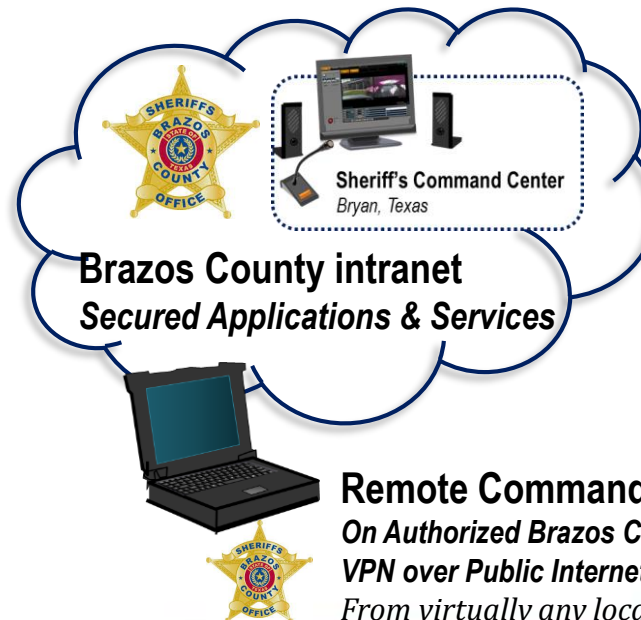
**Mobile Office  
Internet, Intranet, Email**



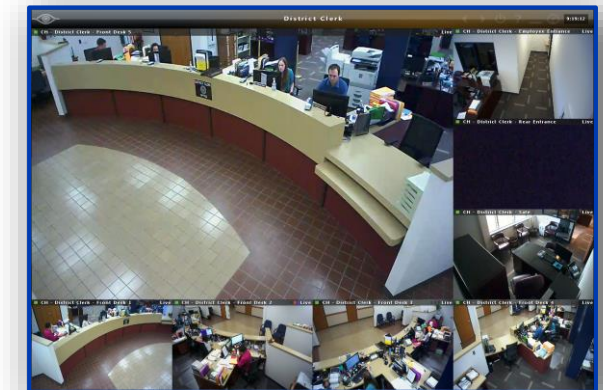
**Computer Aided Dispatch CAD  
Integrated CAD**



**Streaming, Mobile Video  
View Video Files**



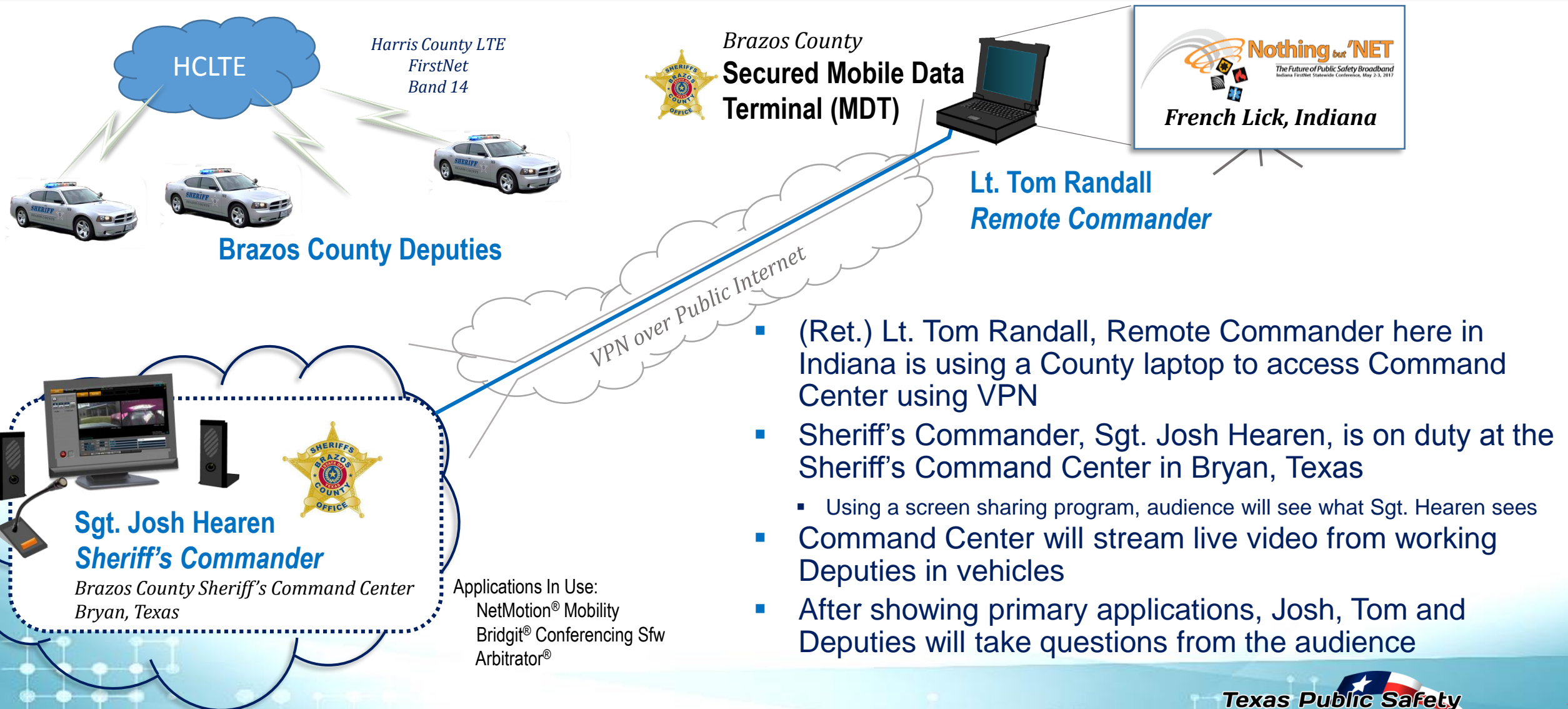
**Remote Commander**  
*On Authorized Brazos County MDT/PC  
VPN over Public Internet  
From virtually any location*



**In-house Cameras (Ocularis™)**



# Indiana FirstNet Conference Setup



- (Ret.) Lt. Tom Randall, Remote Commander here in Indiana is using a County laptop to access Command Center using VPN
- Sheriff's Commander, Sgt. Josh Hearen, is on duty at the Sheriff's Command Center in Bryan, Texas
  - Using a screen sharing program, audience will see what Sgt. Hearen sees
- Command Center will stream live video from working Deputies in vehicles
- After showing primary applications, Josh, Tom and Deputies will take questions from the audience

# *Thank You!*

*Please join us in thanking Sheriff Chris Kirk, Brazos County Sheriff's Office and Todd Early, Texas Department of Public Safety for sponsoring and supporting today's demonstration!*